EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	17986	dish$1wash$3 or ware $1wash$3 or (kitchen ware$1wash$3) AND (additive or detergent) SAME (dispens$3 or meter$3 or dos$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 16:11
S2	2794	(dish$1wash$3 or ware $1wash$3 or (kitchen ware$1wash$3)) AND ((additive or detergent) SAME (dispens$3 or meter$3 or dos$3))	US-PGPUB; USPAT	ADJ	ON	2008/11/20 16:12
S5	20	"5453131", "6035472", "4110075"	US-PGPUB; USPAT	OR	ON	2008/11/21 15:41
S6	830	134/29.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/24 08:15
S7	75	134/29.ccls. AND (dish $1wash$3 or ware $1wash$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/24 08:18
S8	102	134/26.ccls. AND (dish $1wash$3 or ware $1wash$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/24 08:59
S9	71	134/26.ccls. AND (dish $1wash$3 or ware $1wash$3) NOT S7	US-PGPUB; USPAT	ADJ	ON	2008/11/24 09:00
S10	597	134/25.2.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/24 09:12
S11	2794	(dish$1wash$3 or ware $1wash$3) AND ((additive or detergent) SAME (dispens$3 or meter$3 or dos$3))	US-PGPUB; USPAT	ADJ	ON	2008/11/24 09:37
S12	650	(detergent or additive or agent) near3 (level or monitordetect$3 or sens$3) AND (dish $1washer or ware $1wash$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/25 17:40

S13	675	(detergent or additive or agent) near3 (level or monitor or detect$3 or sens$3) AND (dish$1washer or ware$1wash$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/25 17:44
S14	21	(detergent or additive or agent) near3 (level or monitor or detect$3 or sens$3) near3 (contamination or soil or dirtiness) AND (dish$1washer or ware$1wash$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/25 18:57
S15	66	(detergent or additive or agent) SAME (level or monitor or detect$3 or sens$3) near3 (contamination or soil or dirtiness) AND (dish$1washer or ware$1wash$3)	US-PGPUB; USPAT	ADJ	ON	2008/11/25 18:58
S16	1136	134/18.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/26 07:00
S17	18	dish$1washer AND ((detergent or additive or agent) near3 level SAME sensor)	US-PGPUB; USPAT	ADJ	ON	2008/11/26 07:46
S18	25	dish$1washer AND ((detergent or additive or agent) near3 (level or volume) SAME (sens$3 or monitor$3 or detect$3))	US-PGPUB; USPAT	ADJ	ON	2008/11/26 07:47
S19	7	ware$1wash3 AND ((detergent or additive or agent) near3 (level or volume) SAME (sens$3 or monitor$3 or detect$3))	US-PGPUB; USPAT	ADJ	ON	2008/11/26 07:58
S20	331	"222".clas. AND dishwasher	US-PGPUB; USPAT	ADJ	ON	2008/11/26 08:05
S21	604	(dish$1wash$3 or ware$1wash$3) AND ((dispens$3 or delivery or dos$3 or meter$3) near3 (detergent or additive or agent or chemical or product))	EPO; JPO; DERWENT	ADJ	ON	2008/11/26 08:37

S22	764	(dish$1wash$3 or ware$1wash$3) AND chemical reaction	US-PGPUB; USPAT	ADJ	ON	2008/11/26 08:59
S23	29	(dish$1wash$3 or ware$1wash$3) SAME chemical reaction	US-PGPUB; USPAT	ADJ	ON	2008/11/26 09:24
S24	103	(dish$1wash$3 or ware$1wash$3) SAME internet	US-PGPUB; USPAT	ADJ	ON	2008/11/26 09:39
S25	14	(dish$1wash$3 or ware$1wash$3) SAME internet same (order or refill)	US-PGPUB; USPAT	ADJ	ON	2008/11/26 09:42
S26	0	"2002040505"	US-PGPUB; USPAT	ADJ	ON	2008/11/26 11:04
S27	392	(dish$1wash$3 or ware$1wash$3) SAME reaction	US-PGPUB; USPAT	ADJ	ON	2008/11/26 11:05
S28	524	(dish$1wash$3 or ware$1wash$3) AND ((dispens$3 or valve or pump) same reaction)	US-PGPUB; USPAT	ADJ	ON	2008/11/26 11:36
S29	9304	(dish$1wash$3 or ware$1wash$3 or (kitchen ware$1wash$3)) AND (react$3 or mixture)	US-PGPUB; USPAT	ADJ	ON	2008/12/01 08:36
S30	1114	(dish$1wash$3 or ware$1wash$3 or (kitchen ware$1wash$3)) AND (chemical near3 (react$3 or mixture))	US-PGPUB; USPAT	ADJ	ON	2008/12/01 08:38
S31	6	"4242051"	US-PGPUB; USPAT	ADJ	ON	2008/12/01 08:58
S32	90	("3032240" | "3105615" | "3341418" | "3708431" | "3723324" | "3729553" | "3762875" | "3770641" | "3866800" | "4002571" | "4272393" | "4316824" | "4336356" | "4337318" | "4348292" | "4401490" | "4417993" | "4433013" | "4456492" | "4514326" | "4522738" | "4619710" | "4666625" | "4679706" | "4683004" | "4683008" | "4707441"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:20

		"4797231" | "4897251" | "4965019" | "4990327" | "5004591" | "5141666" | "5154917" | "5198144" | "5264146" | "5286402" | "5307954" | "5392947" | "5407595" | "5455035" | "5562856" | "5578562" | "5579957" | "5613623" | "5624465" | "5630883" | "5665427" | "5683976" | "5718729" | "5747439" | "5767055" | "5770554" | "5776877" | "5797986" | "5804546" | "5862949" | "5865345" | "5885949" | "5931172" | "5948792" | "5958454" | "5962393" | "5968453" | "5975335" | "6065643" | "6126697" | "6127330" | "6136768" | "6177092" | "6223942" | "6245157" | "6273960" | "6290872" | "6302969" | "6313086").PN. OR ("6583103").URPN.				
S33	13	(dish$1wahser or ware$1washer) AND mix$3 same (chamber or reactor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:25
S34	6	(dish$1wahser or ware$1washer) AND chemical reaction	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:29
S35	0	(dish$1wahser or ware$1washer) AND micro $1reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:30
S36	0	(dish$1wahser or ware$1washer) AND micro reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:30
S37	0	(dish$1wahser or ware$1washer) AND micro-reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:30
S38	0	(dish$1wahser or ware$1washer) AND reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:30

S39	271	(dish$1washer or ware$1washer) AND reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:31
S40	607	(dish$1washer or ware$1washer) AND mix$3 same (chamber or reactor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:32
S41	2	(dish$1washer or ware$1washer) AND micro-reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:45
S42	8	(dish$1washer or ware$1washer) AND chemical reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/01 09:46
S43	505	"222".clas. AND dish$1wash$3	US-PGPUB; USPAT	ADJ	ON	2008/12/01 09:57
S44	144	S43 and chemical	US-PGPUB; USPAT	ADJ	ON	2008/12/01 09:57
S45	3	(dish$1washer or ware$1washer) AND chemical reaction	EPO; JPO; DERWENT	ADJ	ON	2008/12/01 10:08
S46	6	(dish$1washer or ware$1washer) AND chemical react$3	EPO; JPO; DERWENT	ADJ	ON	2008/12/01 10:12
S47	3	wash$3 AND (chemical react$3 same dispenser)	EPO; JPO; DERWENT	ADJ	ON	2008/12/01 10:32
S48	25	"4678103"	US-PGPUB; USPAT	ADJ	ON	2008/12/01 10:52
S49	6	"4730381"	US-PGPUB; USPAT	ADJ	ON	2008/12/01 10:53
S50	8	"4110075"	US-PGPUB; USPAT	ADJ	ON	2008/12/01 11:07
S51	133352	mix$3 with (chemical or additive)	US-PGPUB; USPAT	ADJ	ON	2008/12/01 11:40
S52	395	mix$3 with (chemical or additive) and (dish$1washer or ware$washer or wahing machine)	US-PGPUB; USPAT	ADJ	ON	2008/12/01 11:40
S53	201	combin$3 with (chemical or additive) and (dish$1washer or ware$washer or wahing machine)	US-PGPUB; USPAT	ADJ	ON	2008/12/01 11:48
S54	5	"6513180"	US-PGPUB; USPAT	ADJ	ON	2008/12/01 12:10
S55	8	(dish$1wash$3 or ware$1wash$3) SAME react$3 chamber	US-PGPUB; USPAT	ADJ	ON	2008/12/01 12:37

S56	33	(dish$1wash$3 or ware $1wash$3) SAME ozone	US-PGPUB; USPAT	ADJ	ON	2008/12/01 12:38
S57	0	(dish$1wash$3 or ware $1wash$3) andozone	US-PGPUB; USPAT	ADJ	ON	2008/12/01 12:45
S58	392	(dish$1wash$3 or ware $1wash$3) and ozone	US-PGPUB; USPAT	ADJ	ON	2008/12/01 12:45
S59	4523	(dish$1wash$3 or ware $1wash$3) and gas	US-PGPUB; USPAT	ADJ	ON	2008/12/01 12:59
S60	551	dish$1wash$3 same gas	US-PGPUB; USPAT	ADJ	ON	2008/12/01 12:59
S61	0	dish$1wash$3 same (dispenser or dosing) same ozone	US-PGPUB; USPAT	ADJ	ON	2008/12/01 13:08
S62	187	(dish$1wash$3 or ware $1wash$3) and mixing chamber	US-PGPUB; USPAT	ADJ	ON	2008/12/01 13:23
S63	21	(dish$1wash$3 or ware $1wash$3) same mixing chamber	US-PGPUB; USPAT	ADJ	ON	2008/12/01 13:23
S64	25	US-2627453-$.DID. OR US-3627684-$. DID. OR US-3650667-$.DID. OR US-4188807-$.DID. OR US-4434629-$.DID. OR US-4489574-$. DID. OR US-4755188-$.DID. OR US-5068937-$.DID. OR US-5309739-$.DID. OR US-5345637-$. DID. OR US-5765403-$.DID. OR US-6178987-$.DID. OR US-6513180-$.DID. OR US-6557732-$. DID. OR US-6843390-$.DID. OR US-20040206133-$.DID. OR US-20050066449-$. DID. OR US-20050252532-$.DID. OR US-20060096038-$. DID. OR US-20060101588-$.DID. OR US-20060102656-$. DID. OR US-20060107705-$.DID. OR US-2078482-$. DID. OR JP-19900319-$.DID. OR US-	US-PGPUB; USPAT	ADJ	ON	2008/12/01 15:24

		1756428-$.DID. OR US-1331018-$.DID.				
S65	0	multi-chemical dispenser	US-PGPUB; USPAT	ADJ	ON	2008/12/01 16:12
S66	621	chemical dispenser	US-PGPUB; USPAT	ADJ	ON	2008/12/01 16:13
S67	37	S66 and dishwasher	US-PGPUB; USPAT	ADJ	ON	2008/12/01 16:13
S68	9	S66 and warewasher	US-PGPUB; USPAT	ADJ	ON	2008/12/01 16:38
S69	499	dishwasher AND unstable	US-PGPUB; USPAT	ADJ	ON	2008/12/01 16:40
S70	13	"4188807"	US-PGPUB; USPAT	ADJ	ON	2008/12/01 16:45
S71	7	"5453131"	US-PGPUB; USPAT	ADJ	ON	2008/12/01 17:37
S72	0	micr-dosing pump	US-PGPUB; USPAT	ADJ	ON	2008/12/01 17:47
S73	7	micro-dosing pump	US-PGPUB; USPAT	ADJ	ON	2008/12/01 17:47
S74	1690	micro pump	US-PGPUB; USPAT	ADJ	ON	2008/12/01 17:51
S75	1	micro pump SAME dishwasher	US-PGPUB; USPAT	ADJ	ON	2008/12/01 17:51
S76	0	micro-pump SAME dishwasher	US-PGPUB; USPAT	ADJ	ON	2008/12/01 17:51
S77	1	micro pump SAME dishwasher	US-PGPUB; USPAT	ADJ	ON	2008/12/01 17:51
S78	25	("2431040" | "2643537" | "2643665" | "3086379" | "3133673" | "3212677" | "3239104").PN. OR ("4188807").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 11:33
S79	111	(dish$1wash$3 or ware $1wash$3) same pre $1mix$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 11:48
S80	52	(dish$1wash$3 or ware $1wash$3) same mixing (chamber or conduit or channel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 11:56
S82	19	("2724583" | "2952209" | "2975804" | "3038495" | "3112884" | "3459334" | "3643688").PN. OR ("3756457").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 12:41

S83	1	S82 and (dish$1wash $3 or ware$1wash$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 12:42
S84	42	("2218698" | "2430668" | "3114253" | "3116982" | "3279481" | "3539153" | "3600819" | "3807418").PN. OR ("3888269").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 15:44
S85	0	dishwash$3 same sensor same dos$3 same quantity same detergent	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/17 16:05
S86	1	"20070144558"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/16 07:25
S87	3	"6792637"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/16 07:56
S88	1	(10/040512).APP.	US-PGPUB; USOCR	ADJ	ON	2009/12/16 07:57
S89	0	(dish$1wash$3, ware $1wash$3) same (selectiv$3 or control $3) near2 (dosing or dispens$3)	US-PGPUB; USOCR	ADJ	ON	2009/12/16 09:23
S90	90	(dish$1wash$3, ware $1wash$3) same (selectiv$3 or control $3) near2 (dosing or dispens$3)	US-PGPUB; USOCR	OR	ON	2009/12/16 09:23
S91	15	(dish$1wash$3, ware $1wash$3) same (selectiv$3) near2 (dosing or dispens$3)	US-PGPUB; USOCR	OR	ON	2009/12/16 09:25
S92	104	(dishwash$3 or warewash$3) and (pump$3 or dispens $3) near2 (granul$3 or powder)	US-PGPUB; USOCR	OR	ON	2009/12/16 11:16
S93	19	(dishwash$3 or warewash$3) and (pump$3 or dispens $3) near2 (granul$3 or powder) near5 liquid	US-PGPUB; USOCR	OR	ON	2009/12/16 11:16

12/16/2009 3:08:12 PM
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